

Core Content Standards and Benchmarks Corresponding to the Iowa Tests

Reading Content Standard

A. Students can comprehend what they read in a variety of literary and informational texts.

Grades 3-5 Benchmarks

1. Students can understand stated information they have read.
2. Students can determine the meaning of new words from their context.
3. Students can draw conclusions, make inferences, and deduce meaning.
4. Students can infer traits, feelings, and motives of characters.
5. Students can interpret information in new contexts.
6. Students can interpret nonliteral language used in a text.
7. Students can determine the main idea of a text.
8. Students can identify the writer's views or purpose.
9. Students can analyze style or structure.

Grades 6-9 Benchmarks

1. Students can understand stated information they have read.
2. Students can determine the meaning of new words from their context.
3. Students can draw conclusions, make inferences, and deduce meaning.
4. Students can infer traits, feelings, and motives of characters.
5. Students can interpret information in new contexts.
6. Students can interpret nonliteral language used in a text.
7. Students can determine the main idea of a text.
8. Students can identify the writer's views or purpose.
9. Students can analyze style or structure.

Grades 10-12 Benchmarks

1. Students can understand stated information they have read.
2. Students can determine the literal meaning of specific words.
3. Students can draw conclusions, make inferences, and deduce meaning.
4. Students can infer traits, feelings, and motives of characters or individuals.
5. Students can make predictions based on stated information.
6. Students can interpret nonliteral language used in a text.
7. Students can determine the main idea, topic, or theme and make generalizations.
8. Students can identify the author's views or purposes.
9. Students can distinguish among facts, opinions, and assumptions.
10. Students can recognize aspects of a passage's style and structure and can recognize literary techniques.

Math Content Standards

- A. Students can understand and apply a variety of math concepts.**
- B. Students can understand and apply methods of estimation.**
- C. Students can solve a variety of math problems.**
- D. Students can interpret data presented in a variety of ways.**

Grades 3-5 Benchmarks

- A. Students can understand and apply a variety of math concepts.**
 - 1. Students can understand and apply number properties and operations.
 - 2. Students can understand and apply concepts and procedures of algebra.
 - 3. Students can understand and apply concepts of geometry.
 - 4. Students can understand and apply concepts of measurement.
 - 5. Students can understand and apply concepts in probability and statistics.
- B. Students can understand and apply methods of estimation.**
 - 1. Students can understand and apply concepts and procedures of standard rounding, order of magnitude, and number sense.
- C. Students can solve a variety of math problems.**
 - 1. Students can solve math problems.
 - 2. Students can understand and apply problem-solving approaches and procedures.
- D. Students can interpret data presented in a variety of ways.**
 - 1. Students can use tables and graphs to locate and read information.
 - 2. Students can interpret data from a variety of sources.

Grades 6-9 Benchmarks

- A. Students can understand and apply a variety of math concepts.**
 - 1. Students can understand and apply number properties and operations.
 - 2. Students can understand and apply concepts and procedures of algebra.
 - 3. Students can understand and apply concepts of geometry.
 - 4. Students can understand and apply concepts of measurement.
 - 5. Students can understand and apply concepts in probability and statistics.

B. Students can understand and apply methods of estimation.

1. Students can understand and apply concepts and procedures of standard rounding, order of magnitude, and number sense.

C. Students can solve a variety of math problems.

1. Students can solve math problems.
2. Students can understand and apply problem-solving approaches and procedures.

D. Students can interpret data presented in a variety of ways.

1. Students can use tables and graphs to locate and read information.
2. Students can interpret data from a variety of sources.

Grades 10-12 Benchmarks

A. Students can understand and apply a variety of math concepts.

1. Students can understand and apply number properties and operations.
2. Students can understand and apply concepts and procedures of algebra.
3. Students can understand and apply concepts of geometry and measurement.
4. Students can understand and apply concepts in probability and statistics.

B. Students can understand and apply methods of estimation.

1. Students can understand and apply concepts and procedures of standard rounding, order of magnitude, and number sense.

C. Students can solve a variety of math problems.

1. Students can solve math problems requiring multiple steps and operations.
2. Students can reason quantitatively.

D. Students can interpret data presented in a variety of ways.

1. Students can make inferences based on data presented in a variety of ways.
2. Students can interpret data from a variety of sources.